

a plurality of switch connectors positioned on a front surface of said switch motherboard; and

a plurality of optical transceiver boards mounted along said guide rails of said shelf, the optical transceiver board having a transceiver connector for connecting to a different one of said switch connectors positioned on the front surface of said switch motherboard.

7. (Twice Amended) An optical cross-connect device, comprising:
  - at least one shelf having a plurality of guide rails running in parallel thereon;
  - a switch motherboard disposed at a rear end of said shelf;
  - at least one electric crosspoint switch disposed on an outer surface of said switch motherboard;
  - at least one array of switch connectors disposed on the outer surface of said switch motherboard; and
  - a plurality of optical transceiver boards slidably mounted along said guide rails of said shelf to enable the optical transceiver board to be electrically coupled to one of the plurality of said switch connectors.